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DIRECT MATERIAL SPECIFICATION

MAT'L. CODE:

SUPERCEDES:

APPLICABLE G.P.S.:

DESCRIPTION:

TOTAL SOLIDS OF ADHESIVE

DATE

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I. Scope:

The following covers the determination of the non-volatile residue of adhesive at 150°C or total solids content.

II. Apparatus:

- 1) Analytical Balance
- 2) Aluminum Moisture Dish
- 3) Desiccator
- 4) Laboratory oven-electric forced air type

III. Procedure:

- 1) Dry, desiccate and tare aluminum moisture dish.
- 2) Weigh 2-3g of adhesive into the tared aluminum dish.
- 3) Dry in oven @ 150°C for one hour.
- 4) Desiccate and reweigh.
- 5) Calculation:
$$\frac{100 \text{ (Wt. of residue)}}{\text{Wt. of sample}} = \% \text{ total solids}$$

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